

COMMUNICATION TECHNOLOGY  
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# Studio Lighting

- When using any type of studio lighting adjustments to heights and angles is a must
- All subjects vary in position so there is no written rule
- This lesson will provide you with some guidelines but you will need to adjust on set

# Main and Fill Light

- Your **main** or **key** light is used to create a lighting style
- A **fill** light is used to balance out the shadows
- The purpose of the fill light is to add just enough light to soften the shadows created by the main light
- The fill light is used to control contrast

# Adjusting Contrast

- By increasing the power of the fill you reduce the contrast in the photo
- By decreasing the amount of light from the fill, you will increase contrast
- When setting the distance of your fill light watch how noticeable the shadow from the main light is

# Short Lighting

- When the main light illuminates the side of the face that is turned ***away*** from the camera
- Used when the subject has an average oval face
- Emphasizes facial contours more than broad lighting
- Can be adapted for a “strong” or “weak” look by

# Short/Narrow Lighting

- *Narrow lighting* (as it is sometimes called) is especially good emphasising a profile
- Short lighting has a narrowing effect, it is great for use with subjects that have particularly round or plump faces

# Broad Lighting

- When the main light is positioned in such a way that it illuminates the side of the face that is turned ***toward*** the camera
- Used mainly for corrective purposes. It will de-emphasize facial features and is used mostly to make thin, narrow faces appear wider

# Broad Lighting

- Will eliminate a jaw line and make a face seem fuller
- Most people cannot handle this type of lighting because it is not flattering
- Mostly used on super models



# Butterfly Lighting

- Achieved by positioning the main light directly in front of the subjects face and adjusting the height to create a shadow (that looks like a butterfly) directly under, and in line with, the nose
- Best suited for subjects with a normal oval face and is considered to be a glamour style of lighting best suited for women

# Butterfly Lighting

- The lighting from above defines the cheekbones, the eyes and makes the lips look dimensional
- Not recommended for use with men because it has a tendency to highlight the ears – creating an undesirable effect
- An example of this lighting would be in an elevator

# Butterfly

- The goal of the Butterfly lighting technique is to achieve a butterfly shadow just below the nose of the main subject